

EXPRESS MAIL NO. ER731428589US

PATENT DOCKET NO. 2080-3021C5

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re continuation application of:

In Hwan Choi, et al.

Serial No: Unassigned

Filed: Unassigned

For: VSB RECEPTION SYSTEM WITH ENHANCED SIGNAL  
DETECTION FOR PROCESSING SUPPLEMENTAL  
DATA

Parent Serial No: 09/933,206

Parent Filed: August 20, 2001

**Anticipated Classification  
of this Application:**

☐ Class      ☐ Subclass

### Prior Application

Examiner: Sherrie Y. Hsia

Art Unit: 2614

**CONTINUATION APPLICATION TRANSMITTAL**

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

**Dear Sir:**

This is a request for filing a continuation application pursuant to 35 U.S.C. § 120 and 37 C.F.R. § 1.53(b), of pending prior application:

Serial No. 09/933,206 filed August 20, 2001, by In Hwan Choi, Young Mo Gu, Kyung Won Kang, and Kook Yeon Kwak (inventor(s) currently of record in prior application) for VSB Reception System With Enhanced Signal Detection For Processing Supplemental Data.


1. ☒ Enclosed is a copy of the prior application, including the oath or declaration as originally filed, or a replacement specification which does not add new matter.
2. ☒ The filing fee is calculated below:

CALCULATION OF FEES								
ITEM		TOTAL NO. OF CLAIMS		NO. OF CLAIMS OVER BASE	LG/SM \$ ENTITY FEE		\$ AMOUNT	\$ FEE
A	TOTAL CLAIMS FEE	1	-20	0	LG=\$18 SM=\$9	\$ 18	\$ 0	
B	INDEPENDENT CLAIMS FEE*	1	-3	0	LG=\$86 SM=\$43	\$ 86	\$ 0	
C	SUBTOTAL - ADDITIONAL CLAIMS FEE (ADD FINAL COLUMN IN LINES A + B)							\$ 0
D	MULTIPLE-DEPENDENT CLAIMS FEE				LARGE ENTITY FEE = \$290 SMALL ENTITY FEE = \$145		\$ 0	
E	BASIC FEE				LARGE ENTITY FEE = \$770 SMALL ENTITY FEE = \$385		\$ 770	
F	TOTAL FILING FEE (ADD TOTALS FOR LINES C, D, AND E)							\$ 770
G	ASSIGNMENT RECORDING FEE						\$ 40	\$ 0
	*LIST INDEPENDENT CLAIMS [LIST OF INDEPENDENT CLAIMS]							

3. ☒ The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment to Account No. 502290.
4. ☒ A check in the amount of \$ 770 is enclosed.
5. ☒ Cancel in this application original claim(s) 2-24 of the prior application before calculating the filing fee. (At least one original independent claim must be retained for filing purposes.)
6. ☒ Amend the specification by inserting before the first line the sentence:  
  
--This is a continuation of application Serial No. 09/933,206 filed August 20, 2001, which application is hereby incorporated by reference in its entirety.--
- 7a. ☒ New formal drawings are enclosed.
- 7b. ☒ Priority of application Serial Nos.:  
  
Korean Application Serial No. 2001-03304 filed January 19, 2001, is claimed under 35 U.S.C. § 119.
- 7c. ☒ The certified copy of the priority application has been filed in prior application Serial No. 09/933,206, filed August 20, 2001.
8. ☒ The prior application is assigned of record to: LG Electronics Inc.
9. ☒ The power of attorney in the prior application is as listed on the attached copy of the declaration filed in the patent application.
- a. ☒ The power appears in the original papers in the prior application.
- b. ☐ Since the power does not appear in the original papers, a copy of the power in the prior application is enclosed.
- c. ☐ Power of Attorney by Assignee is enclosed.
- d. ☒ Address all future communications to:  
  
Jonathan Y. Kang  
Lee, Hong, Degerman, Kang & Schmadeka  
801 S. Figueroa Street, 14th Floor  
Los Angeles, CA 90017  
Tel: (213) 623-2221  
Fax: (213) 623-2211
- 10a. ☒ A preliminary amendment is enclosed. (Claims added by this amendment have been properly numbered consecutively beginning with the number next following the highest numbered original claim in the prior application.)
- 10b. ☒ A separate check for \$ 216 is enclosed to cover additional claims added by the preliminary amendment.
11. ☐ Inventor(s) or Assignee(s) is entitled to small entity status under 37 C.F.R. §§ 1.9 & 1.27.
12. ☐ Information Disclosure Statement is enclosed.

Respectfully submitted,  
Lee, Hong, Degerman, Kang & Schmadeka

Date: March 1, 2004

By:   
Amit Sheth  
Registration No. 50,176  
Attorney for Applicant(s)

Customer # 035884

Lee, Hong, Degerman, Kang & Schmadeka  
801 S. Figueroa Street, 14th Floor  
Los Angeles, CA 90017  
Tel: (213) 623-2221  
Fax: (213) 623-2211

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SIGNAL DETECTION FOR PROCESSING  
SUPPLEMENTAL DATA

Parent Serial No: 09/933,206

Parent Filed: August 20, 2001

Prior Art Unit: 2614

Prior Examiner: Sherrie Y. Hsia



Commissioner for Patents

P. O. Box 1450

Alexandria, VA 22313-1450

Sir:

Transmitted herewith is a PRELIMINARY AMENDMENT in the above-identified application.

- ☐ Small entity status of this application under 37 CFR 1.9 and 1.27 has been established by a verified statement previously submitted.
- ☐ A petition for extension of time for \_\_\_ month(s) is enclosed.
- ☐ An information disclosure statement in accordance with 37 CFR 1.56 and 1.97 is enclosed.
- ☒ No additional fee is required.

The fee has been calculated as shown below:

	(Col. 1) CLAIMS REMAINING AFTER AMENDMENT		(Col. 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Col. 3) PRESENT EXTRA	LG/SM \$ ENTITY FEE		ADD'L FEE DUE
TOTAL CLAIMS FEE	32	-	20	12	LG=\$18 SM=\$9	\$18	\$ 216
INDEPENDENT CLAIMS FEE	2	-	3	0	LG=\$86 SM=\$43	\$86	\$ 0
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIMS					LARGE ENTITY FEE = \$290 SMALL ENTITY FEE = \$145		\$ 0
TOTAL							\$ 0

- ☒ A check in the amount of \$ 216 to cover the filing fee is enclosed.
- ☐ A check in the amount of \$ \_\_\_\_\_ to cover the extension fee is enclosed.
- ☐ A check in the amount of \$ \_\_\_\_\_ to cover the information disclosure statement fee is enclosed.
- ☐ A check in the amount of \$ \_\_\_\_\_ to cover the petition fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. **502290**.
- ☒ Any filing fees under 37 CFR 1.16 for the presentation of extra claims.
- ☒ Any patent application processing fees under 37 CFR 1.17.

Respectfully submitted,  
Lee, Hong, Degerman, Kang & Schmadeka

Date: March 1, 2004

By: Amit Sheth

Amit Sheth

Customer #035884

Registration No. 50,176

Attorney for Applicant(s)

Lee, Hong, Degerman, Kang & Schmadeka  
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14230 U.S. PTO  
030104

Attorney Docket No: 2080-3021C5

Customer No. 035884

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Prior Application

Examiner: Sherrie Y. Hsia

Art Unit: 2614

CERTIFICATE OF MAILING VIA U.S. EXPRESS MAIL

"Express Mail" Mailing Label No. ER731428589US

Date of Deposit: March 1, 2004

Mail Stop PATENT APPLICATION

Commissioner for Patents

P. O. Box 1450

Alexandria, VA 22313-1450

Dear Sir:

I hereby certify that

- ☒ A copy of a letter of transmittal of continuation application
- ☒ Check in amount of \$ 770 as filing fee
- ☒ Patent application ( 34 page(s) of specification; 1 claim(s); 1 page(s) of abstract
- ☒ Original declaration filed with the parent application
- ☒ 8 sheet(s) of ☐ informal ☒ formal drawings
- ☒ Original power of attorney by assignee and original assignment
- ☐ check in amount of \$      as assignment fee
- ☒ Preliminary Amendment
- ☒ Transmittal of preliminary amendment
- ☒ Check in amount of \$ 216 as additional claim fee
- ☒ Return postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service with sufficient postage under 37 C.F.R. § 1.10 on the date indicated above and are addressed to:

Mail Stop PATENT APPLICATION

Commissioner for Patents

P. O. Box 1450

Alexandria, VA 22313-1450

Date: March 1, 2004

Customer # 035884

Lee, Hong, Degerman, Kang & Schmadeka

801 S. Figueroa Street, 14th Floor

Los Angeles, CA 90017

Tel: (213) 623-2221

Fax: (213) 623-2211

Amit Sheth

Name of person mailing papers



Signature